

ABSTRACT

Provided is a manufacturing method of high purity oxide powder including the steps of subjecting a raw material such as Zn-containing scrap
5 to acid leaching or electrolytic extraction, thereafter performing solvent extraction and activated carbon treatment thereto in order to remove impurities, neutralizing the resultant solution freed of impurities with an alkaline solution to obtain zinc hydroxide, and firing the zinc hydroxide to obtain zinc oxide. Provided are high purity zinc oxide efficiently freed of
10 impurities, in particular C, Cl, S and Pb impurities, at low cost and the manufacturing method thereof; a target manufactured by firing the high purity zinc oxide; and a high purity zinc oxide thin film obtained by the sputtering the target.